



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 25]

नई दिल्ली, शनिवार, जून 24, 1967 (असाढ़ 3, 1889)

No. 25]

NEW DELHI, SATURDAY, JUNE 24, 1967 (ASADHA 3, 1889)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 24th June 1967

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

3rd June 1967

110954. Ciba of India Limited. Process for the manufacture of a new azabicycloaliphatic compound. [Divisional date 3rd August 1966].
110955. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. New food composition.
110956. Institut Francais De Petrole, Des Carburants Et Lubrifiants. Process for cultivating algae in a synthetic medium.
110957. Dowty Mining Equipment Limited. Track-mounted devices for influencing the speed of railway vehicles. (15th June 1966).
110958. U. Sato. Improvements in or relating to the production of plastic sheet. (27th April 1967).
110959. Mecano-Bundy GMBH. Improvements in or relating to heat exchanger tubes.
110960. Atlas Copco Aktiebolag. Improvements in screw rotor machines and profiles.
110961. Engineers (Overseas) Corporation Private Limited. Continuous production of diacetone alcohol.
110962. Pechiney—Compagnie De Produits Chimiques Eet Electrometallurgiques. A process for the purification of sodium aluminate liquors.
110963. Miles Laboratories, Inc. Fermentation process. (25th July 1966).
110964. Massey-Ferguson (Australia) Limited. Improvements in machines for harvesting tall crops. (10th June 1966).

110965. Luwa AG. Monitoring device for textile machines for determining interruptions at moving fibre strands or the like.

5th June 1967

110966. Bata Shoe Company Private Limited. Injection molding apparatus.
110967. Wellworthy Limited. Improvements in or relating to piston rings. (6th June 1966).
110968. N. V. Koninklijke Pharmaceutische Fabrieken V/H Brocades-Stheeman & Pharmacia. New process for the preparation of N-alkyl-hydantion derivatives. [Addition to No. 103613].
110969. Sandoz Ltd. Improvements in or relating to organic compounds. (6th June 1966).
110970. Pilkington Brothers Limited. Improvements in or relating to apparatus for supporting a glass sheet and a method of treating the glass sheet using such apparatus. (6th June 1966).
110971. Roussel-Uclaf. Processes for preparing novel amino-thiazolo steroids. (22nd July 1966).
110972. Lodzkie Zakłady Kinotechniczne Przedsiębiorstwo Państwowe. Device for developing images in xerographic apparatus.
110973. Lodzkie Zakłady Kinotechniczne Przedsiębiorstwo Państwowe. Reproduction camera with vertical optical axis.
110974. Dana Corporation. Improvements in or relating to hub clutch.
110975. V. M. Dujodwala, R. M. Dujodwala, S. V. Dujodwala and O. R. Dujodwala. Improvements in/or relating to the preparation of terpene alcohols from turpentine oil.
110976. Deutsche Gold Und Silber Scheideanstalt Vormal's Roessler. Dicarboxylic acid derivatives of substituted S-triazines and a process for the preparation thereof.

6th June 1967

110977. S. G. Karandikar. Water seal.
110978. Atlas Copco Aktiebolag. Improvements in thrust balancing in rotary machines
110979. T. M. M. (Research) Limited. Improvements in or relating to card clothing for textile carding machines. (22nd June 1966).
110980. Koppers Company Inc. Novel rubber compositions.
110981. Vsesojuzny Nauchno-Issledovatel'sky Institut Antibiotikov. Actinomyces (Streptomyces) rimosus strain 1st-416 for the production of oxytetracycline.
110982. Leningradsky dvazhdy ordena Lenina Metallurgicheskyy zavod imeni XXII s'ezda Kpss. Hydraulic turbine runner.
110984. Kanegafuchi Boseki Kabushiki Kaisha and Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A. A method and a device for developing crimps on composite filament yarn.
110985. Matsushita Electronics Corporation. Deposition method of refractory metal.
110986. Asahi Kasei Kogyo Kabushiki Kaisha. Method of and apparatus for crimping synthetic fibres.
110987. The Wellcome Foundation Limited. Biologically active amidines and their preparation. (21st June 1966).
10988. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Heated godet for stretching synthetic filaments and films.
10989. Glanzstoff A. G. Method of improving the purity and homogeneity of threads or filaments in melt-spinning. (7th April 1967).
110990. Palitex Project-Company G.m.b.H. A double twist spindle.
110991. National Lead Company. Continuous method and apparatus for producing magnesium metal from magnesium chloride.
110992. Spanform Limited. Improvements in floorings and roofings for buildings.
110993. U. Sato. Method for production of thermoplastic synthetic resin foams.
110994. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Self-extinguishing thermoplastic molding compositions.
110995. Diosgyori Gepgyar. Pneumatic control device, especially for the servo-control of counter-stroke hammers.
110996. Egyesult Gyogyszer-Es Tapszergyar. New derivatives of alkylbenzazol and process for their preparation.
110997. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to camera tubes of the vidicon type.
110998. Isgec John Thomson Ltd. Containers suitable for storage or transport of liquefied gases.
110999. Shell Internationale Research Maatschappij N. V. Novel herbicides, their preparation and use. (8th June 1966).
111000. The North Western Gas Board. Hydrocarbon desulphiding process. (16th June 1966). [Addition to No. 98593].
111001. The North Western Gas Board. Desulphiding catalyst. (16th June 1966). [Addition to No. 98593].

7th June 1967

111002. Dr. G. P. Palnitkar. A novel self-lighting cigarette, bidi, cigar and the like.
111003. The Upjohn Company. Process of preparing trimethylsilyl ethers.
111004. The Upjohn Company. Process of preparing silvyl ethers of chloramphenicol.
111005. The Wheelabrator Corporation. Machine and method for surface treatment of large articles.
111006. J. Ulderup. Improvements in and relating to ball and socket joints.

111007. Nippon Shokubai Kagaku Kogyo Co., Ltd., Process for the manufacture of piperazine and N-aminocetyl piperazine.
111008. F. K. Nabiullin, Z. M. Buzova, B. V. Marfin, V. A. Rabinovich, I. I. Koval, E. M. and Gertsik. Method for manufacture of galvanic cells and arrangement for accomplishing same.
111009. Deere & Company. Cotton picker. [Divisional date 11th November 1965].
111010. Celfla Company Establishment. Method and apparatus for making filter material for cigarettes.
111011. G. K. N. Group Services Limited. Improvements relating to apparatus for the detection of flaws.
111012. Imperial Chemical Industries Limited. Light-stable polyesters. (16th June 1966).
111013. M & T Chemicals Inc. Control circuit for electro-deposition system using silicon controlling rectifier.
111014. Universal Oil Products Company. Method and apparatus for multiple stage contact of reactants.

8th June 1967

111015. G. K. Trivedi. A Sari-folder for keeping saris.
111016. Ciba Limited. Dihydroquinolines, process for their manufacture and compositions containing them.
111017. Continental Can Company, Inc. Resistance welding apparatus.
111018. Lemforder Metallwaren AG. Improvements in or relating to sealing arrangements for joints which are movable in all directions, particularly ball joints.
111019. Ciba Limited. 2-amino-quinolines, process for their manufacture and compositions containing them.
111020. Ethyl Corporation. Chemical process. [Divisional date 16th November 1965].
111021. Ethyl Corporation. Chemical process. [Divisional date 16th November 1965].
111022. Caterpillar Tractor Co. Hydraulic actuating means for tractor steering clutches.
111023. Rohm and Haas Company. Iron oxide.
111024. Farbenfabriken Bayer Aktiengesellschaft. Polycyclic anti-ozonants, and polychloroprene-based rubber containing same.

9th June 1967

111025. Iype P. V. Scorfex for making foot wear, bed, cushion, seat etc.
111026. Ibeon Private Limited. A flushing cistern.
111027. Westinghouse Electric Corporation. Fluid-blast circuit interrupter with piston assembly and electromagnetic driving means.
111028. American Home Products Corporation. Synthesis of steroids. [Addition to No. 109354].
111029. Uniroyal, Inc. Improvements in silicone surfactants as latex sensitizers.
111030. Fuchs-Letschert Sohn. Packing element.
111031. B. N. Basack. Pilfer proof capsule
111032. Sandoz Ltd. Improvements in or relating to organic compounds. (10th June 1966).
111033. The Power-Gas Corporation Limited. Improvements in the manufacture of phosphonitrogenous fertilisers. (10th June 1966).
111034. The Power-Gas Corporation Limited. Improvements in the manufacture of phosphonitrogenous fertilizers. (16th June 1966).
111035. I. C. Jennings. Vacuum pump.
111036. Automachs. Improvements in or relating to cigarette cases.
111037. N. V. Organon. New process for the preparation of  $\Delta^{3(10)}-3\text{-keto-19-nor-steroids}$ .

**Alteration of Dates**

102831. The claim to priority date 7th December 1964 has been disallowed and the application dated as of 3rd December 1965, the date of filing in India.
102699. The claim to priority date 21st December 1964 has been disallowed and the application dated as of 26th November 1965, the date of filing in India.

**Application Accepted**

Notice is hereby given that all persons interested in opposing the grant of patent's on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such oppositions.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specification as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the Office.

The dates shown in crescent brackets are the dates allowed under Section 78A of the Act.

101417. Aci Industries. A float valve needle method of making same and a carburetor containing such needle. Accepted on 2nd June 1967.

*Comprising a needle body having a neck portion a resilient tip having a cylindrical portion moulded at the neck portion, a frusto-conical sealing portion formed with the said cylindrical portion.*

101629. Council of Scientific and Industrial Research. A direct indicating load cell. Accepted on 5th June 1967.

*Consists of a cylinder wherein a system of two levers—first and second levers is provided inside the cylinder wherein the cylinder is fitted with a top end plate and a bottom end plate which end plates move closer when the load is applied on the load cell.*

101652. S. Nishi. The lance pipe for the injected oxygen in steel making. Accepted on 5th June 1967.

*Comprising an unimpregnated steel, iron-aluminium alloy layers, a thin film consisting of refractory materials applied on the interior alloy layer, and a film consisting of refractory materials having a high melting point, applied as a coating on the exterior alloy layer.*

102699. M & T Chemicals Inc. Process of preparing oxyomergasulfohydrocarbon-di-yl, coumarin compounds and electroplating of nickel with a solution containing said coumarin compounds. Accepted on 26th May 1967.

*A mixture containing methanol potassium hydroxide and 7-hydroxy coumarin is mixed with 1, 3-propane sultone and heated.*

102757. Universal Oil Products Company. Process for the polymerization of unsymmetrical conjugated diolefinic hydrocarbons. Accepted on 30th May 1967.

*By stereoselective polymerisation of an unsymmetrical conjugated diolefinic hydrocarbon at a temperature from 0° to 100°C and pressure from atmospheric to 100 atmospheres and in the presence of a catalytic composite comprising an alkali metal composited with a precalcined adsorptive solid support.*

102814. W. R. Grace & Co. Compositions containing amic acid esters, for regulating the growth of plants. Accepted on 2nd June 1967.

*Comprising amic acid ester and an inert carrier.*

102818. Girling Limited. Improvements relating to vehicle brakes. Accepted on 2nd June 1967.

*Comprising a piston separating a first and second chambers connected respectively to master and slave cylinders, a flow responsive valve and throttle in series connecting the chambers and a passage by-passing the valve and the throttle.*

102819. Girling Limited. Improvements relating to vehicle brakes. Accepted on 2nd June 1967.

*Comprising first and second chambers connected respectively to master and slave cylinders, a plunger displaceable against spring pressure having faces of equal areas exposed to said chambers and a deceleration responsive valve connecting the chambers.*

102831. Imperial Chemical Industries Limited. Improvements in the preparation of block copolymers and the treatment of shaped articles therewith. Accepted on 3rd June 1967.

*Comprises melt blending a homopolyester of a sulfur free dicarboxylic acid with a homopolyester of an unsaturated dicarboxylic acid followed by reacting the unsaturated groups with either sulphur dioxide or sulphurous acid or salts of sulphurous acid.*

102834. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the fusion coating of metals with polyamides in powder form. Accepted on 3rd June 1967.

*Fusion coating of metals with polyamide powder at temperatures from 100 to 170°C up to a molecular weight which corresponds to a specific gravity factor 0.5 to 1.0.*

102840. Oerlikon-Bührle Holding A. G. Improvements in a method for filling loom shuttles with cut-to-length pieces of weft thread and apparatus for the performance of the aforesaid method. Accepted on 5th June 1967.

*Comprising the step of continuously delivering a thread along a predetermined thread path and past a reference point at said thread path into the inlet opening of the shuttle.*

102852. Hugo Patersen. A process of removing SO<sub>2</sub> from an SO<sub>2</sub>-containing gas flow and apparatus therefor. Accepted on 5th June 1967.

*Comprises adding ammonia to gas flow, injecting ammonium sulfite, bisulfite, or sulfate, contacting the above two in separating zone.*

102885. United States Steel Corporation. Method and apparatus for reducing width of metal slabs. Accepted on 7th June 1967.

*Method of reducing width of casting comprising reducing the width in first and second stands edge-rolls and increasing the tension in the second stand.*

102892. The Goodyear Tire & Rubber Company. Tire building bladder and apparatus. Accepted on 8th June 1967.

*Comprising a first fluid retaining member of elastomeric material having a generally cylindrical configuration that terminates at both ends with a head ring, a second member positioned concentrically and interiorly of said first member and joined to the latter intermediate its end.*

102896. The British Iron and Steel Research Association. A workpiece manipulator for a forging press. Accepted on 7th June 1967.

*A workpiece manipulator for forging press including means for positioning automatically the peel to locate the workpiece in the upper position when the tools are open and means to permit the workpiece to sink from upper position on to the lower press tool.*

102975. The Babcock & Wilcox Company. Steam generators. Accepted on 2nd June 1967.  
*Characterized by means for mixing combustion air and liquid fuel in combustion chamber including means for tangentially introducing air from windox into combustion chamber, and means for introducing liquid fuel into combustion chamber.*
103004. N. V. Philips Gloeilampenfabrieken. Improvements in resonant cavity magnetrons. Accepted on 8th June 1967.  
*Characterized in that in the proximity of aperture the wall is deformed with respect to the other resonant cavities so that the electric and thermal properties of the resonant cavities are mutually equal.*
103010. Allied Chemical Corporation. Process of and apparatus for the heat treatment of yarn. Accepted on 5th June 1967.  
*Includes a draw roll, a heater with triangular cross-section, separator and draw rolls, the heating surfaces and one end of draw roll having low-friction matte surface.*
103039. British Ropes Limited. Manufacture of wire strands. Accepted on 5th June 1967.  
*The method is characterised by the steps of supporting a plurality of supply packages on means in stationary attitudes, by restraining rotation of each wire at a first point between the respective packages and the plying point.*
103116. J. R. Geigy A. G. Process for the production of acid anthraquinone dyestuffs. Accepted on 8th June 1967.  
*Comprises in reacting an anthraquinone compound with an aralkylamine to form the corresponding 1-Sec. aralkylamino-4 aralkylamino-anthraquinone compound and sulphonating this to form a dyestuff.*
103157. Imperial Chemical Industries Limited. Improved textile treatment process. (24th December 1964). Accepted on 9th June 1967.  
*By impregnating the textile with caustic alkali and storing the same in a wet state in an atmosphere freed from acidic gases.*
103422. Imperial Chemical Industries Limited. Improvements in or relating to the production of carpets and the like. (14th January 1965). Accepted on 7th June 1967.  
*Comprising a laminate having a plurality of uniaxially oriented firms formed from crystallisable polymer bonded together to provide strength in the laminate.*
103430. Standard Telephones and Cables Limited. Improvements in or relating to electromagnetic contact-making relays. (12th March 1965). Accepted on 7th June 1967.  
*Comprising a resilient diaphragm secured to an outer magnetic member and spaced normally from an inner magnetic member, the diaphragm and the inner member constituting the contacts of the relay and being brought into contact with each other by energization of a magnetic circuit.*
103439. Dynamit Nobel Aktiengesellschaft. Hardenable born-containing synthetic resins and moulding composition containing said resins. Accepted on 8th June 1967.  
*Comprises condensing formaldehyde or a substance capable of liberating formaldehyde with a cyclic aryl borate.*
103487. Allied Chemical Corporation. Process for the production of polyamide-polyester blend and fibres produced therefrom. Accepted on 3rd June 1967.  
*Comprises forming molten mixtures of synthetic linear fibre forming polyester and polyamide*
- with at least 40% end of primary amino groups, and 0.5-3 equivalents of amino end groups of viscosity stabilizer reactive with primary amines an applying shearing forces to disperse one polymer in the other.*
103647. Ciba Limited. Process for the preparation of finely divided, insoluble melamine-formaldehyde condensation products. Accepted on 5th June 1967.  
*Reacting aqueous solution of melamine and formaldehyde in presence of protective colloid at pH of 6.0-8.0.*
103664. N. L. Rangiah. An improved device for running a cycle dynamo. Accepted on 3rd June 1967.  
*Comprising of a metal circular disc having a central hole for fixing over the hub and provided with a circular rubber band of substantially U-shaped cross-section fitted over the periphery of said circular metal disc.*
103956. A. Ostermann. Electro-mechanical register counter. Accepted on 3rd June 1967.  
*Contact device is associated with that one of the registers which includes the index value corresponding to the state of the counting mechanism chosen for pulse transmission.*
103987. The Dow Chemical Company. High Impact styrene polymer compositions and shaped articles made therefrom. Accepted on 8th June 1967.  
*Incorporating 0.5-10 parts of copolymer of more than 50% by weight of ethylene and less than 50% of vinyl compound  $H_2C=CHZ$  being  $CH_2=OOC-C_nH_{2n+1}$  when  $n$  is  $\geq 1$  or 2, COOR, R being alkyl group, in 100 parts of solid resinous thermoplastic styrene polymer.*
104126. Ciba Limited. New diepoxy compounds, process for their manufacture and curable mixtures containing the same. Accepted on 8th June 1967.  
*Comprises the reaction between a cyclohexane derivative containing a halohydrin group with a dehydrohalogenating agent such as strong alkali, to form a 1:2 epoxide compounds followed by the epoxidation of  $c-c$  bond in cyclohexene ring or, the reaction between a cyclohexene derivative containing a  $CH_2-CH_2$  residues or a epoxide group with an epoxidising agent.*
104198. Borg Holding Aktiengesellschaft and Farbenfabriken Bayer Aktiengesellschaft. A process for the production of protective layers in water-containing and/or steam containing plants. (31st December 1965). Accepted on 8th June 1967.  
*Comprises (a) cleaning plant with organic acids forming soluble complexes with iron at pH 2-9 and 50-200°C treating with (b) oxidizing agent at pH 6 and 20-100°C to convert iron (II) to (III) and (c) with hydrazine at pH 6-10 and 20-100°C in presence of accelerators.*
104206. Veb Werkzeugmaschinenfabrik Magdeburg. Arrangement for feeding decimalbinary path information. Accepted on 6th June 1967.  
*Having information carrier for programming of integral measurement units e.g. whole millimetres, and selector switches groups for programming the fractions of respective measuring unit.*
104257. Koppers-Wistra-Ofenbau Gesellschaft mit beschränkter Haftung. Slide rails for tunnel furnaces. [Addition to No. 97707]. Accepted on 8th June 1967.  
*Including a bearer tube and metal skids wherein the terminal saddles are releasably secured the bearer tube.*
104266. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for producing an electron current. Accepted on 3rd June 1967.  
*Comprising a semiconductor body, at least part of the semi-conductor body having p-type conductivity and being provided with at least two electrical connections at least one of which is an injecting connection.*

104289. H. W. Kearns & Co., Limited. Improvements in horizontal boring machine tools. (15th March 1965). Accepted on 5th June 1967.

*Headstock on a rigid mounting comprising columns supporting the headstock and interconnected above the headstock by a bridge and an electric motor being mounted on the bridge and provided with transmission means.*

104315. N. L. Asrani. A multi-purpose electric holder. Accepted on 3rd June 1967.

*Having sockets for fitting pin plugs integral with the electric lamp holder and bayonet type contact pin eccentric in its construction.*

104485. Fuller Company. Horizontal heat exchanger. Accepted on 6th June 1967.

*Improvement comprising means positioned between casing and transporting means for confining a quantity of material to form a flexible material wall thereabove.*

104486. E. I. Valyi. Method and apparatus for making plastic tubes. (10th August 1965). Accepted on 5th June 1967.

*Method of making a hollow articles including the steps of moulding a parison with one open end and a neck portion at its other end, removing the parison to a blow mould*

104492. Potasse & Engrais Chimiques. Improvement to the manufacture of complex fertilizers. Accepted on 3rd June 1967.

*Adding phthalic anhydride to the fertilizer mixture at any step before granulation.*

104531. Zavody vseobecného strojírenství Oborové Ředitelství. Ejection opening cover of automatic guns. Accepted on 5th June 1967.

*Cover being in engagement with or control projection fixedly associated with a trigger.*

104555. The Goodyear Tire & Rubber Company. Improvements in improved apparatus for breaking pick cords used in pneumatic tyre manufacture. Accepted on 5th June 1967.

*Comprising a pair of parallel rolls, the flanges of each of the said roll extending into the space between the flanges of the other of said rolls.*

104556. Calumet & Hecla, Inc. Method of and structure for pressurizing tube sections with gas. Accepted on 5th June 1967.

*Structure for pressurizing tube sections with gas comprising tube plugging apparatus, and a separate plug for insertion in each end of the tube.*

104621. Sperry Rand Corporation. Electric dry shaver. Accepted on 5th June 1967.

*Cutter drive member has at least a second movable surface connected in driving relationship with cutter operating means and movable thereby in a direction opposite to that of first surface.*

104674. United States Rubber Company. Improvements in rubber composite, method and composition of matter. Accepted on 7th June 1967.

*Comprises an unvulcanised sulphur vulcanisable terpolymer, a vulcaniser, a resin.*

104702. Joseph Lucas (Industries) Limited. Flasher units for operating direction indicator lamps on road vehicles. (29th April 1965). Accepted on 5th June 1967.

*Includes a third terminal which in use is connected through a direction indicator switch, a normally open pilot contact, a main contact resilient means, and a combined actuating wire and ballast resistor.*

104822. Sheth & Sheth Industries. Intermittently rotating display device. Accepted on 8th June 1967.

*An intermittently rotating display device consisting one or more equilateral triangular prism mounted horizontally and respective shafts and vertical shafts connected to each horizontal shafts through bevel gears.*

104896. AB Tetra Pak. A device for removing liquid in an aseptic way from a web-shaped packaging material. Accepted on 8th June 1967.

*Characterised by a closed system including a nozzle in the form of a slot opening, a member for producing an over pressure in said slot opening so that the liquid in the form of droplets might be wiped off.*

105006. Československá akademie věd. Method of manufacturing articles from hydrogels by polymerization casting. Accepted on 8th June 1967.

*By polymerisation casting of a monomer mixture consisting of a mono-olefinic hydrophilic monomeric material, a crosslinking agent and an inert liquid miscible with water the inert liquid used in excess of 40% of said monomer mixture.*

105023. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of joining in a vacuum-tight manner parts of a vacuum vessel. Accepted on 7th June 1967.

*Characterized in that the surface to be joined are placed against each other with the interposition of a layer of indium where upon the indium is melted by gradually increasing heating in a reducing atmosphere at a temperature beyond 350°C and is alloyed with copper of at least one of the surfaces to be joined until the melting temperature of the alloy exceeds the heating temperature and the soldering layer solidifies at this temperature.*

105130. J. R. Geigy A. G. Method of stabilization of organic materials with carbon-bonded phosphorus derivatives and compositions stabilized thereby. Accepted on 3rd June 1967.

*Comprises in mixing from 0.01% to 10% of a substituted carbon bonded phosphorus derivative to the organic material normally subjected to deterioration such as polypropylene.*

105156. B. R. Nandrajag. Bi-metallic electric connectors. Accepted on 5th June 1967.

*Comprising a first and second block of different metals, at least one groove being provided in said blocks, an insulating means, and a spring plate.*

105163. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the dyeing and printing of cellulose textile materials with oxidation dyestuffs. Accepted on 8th June 1967.

*Padding with padding liquors or printing pastes which contains in addition to oxidation dyes oxidizing agents and other usual adjuvants alkali metal salts or alkaline earth metal salts of carboxylic acids which upon heating yield carbonates, and steaming textile material as usual.*

105177. Fabriques Reunies De Lampes Electriques. Improvements in or relating to electric incandescent lamps or discharge lamps. Accepted on 5th June 1967.

*Each current supply member is clamped, by means of an approximately U-shaped profile, on one of the preferably thickened peripheral parts of the pinch and extends substantially at the side of the pinch.*

105226. Aluminium Laboratories Limited. Improvements in or relating to subhalide distillation process for the recovery of aluminium. Accepted on 8th June 1967.

*Comprising coating a flow of aluminium monohalide gas to produce substantially complete decomposition of aluminium monohalide conducting the decomposer exit gas to a second locality and removing liquid aluminium fog droplets at such second locality by coalescing droplets at a temperature above the melting points of aluminium.*

105252. Shri C. Lal. A machine for the production of stampers for printing gramophone discs. Accepted on 3rd June 1967.  
*Comprising a plating bath tank, a spindle carrying a nickel plated stamper, means for rotating the said stamper disposed in horizontal plane, copper anode suspended from bars, said spindle being adapted to pick up current during its rotation.*
105326. Kalle Aktiengesellschaft. Process and material for the preparation of planographic printing plates. Accepted on 6th June 1967.  
*An aluminium sheet, coated on at least one side with at least one compound selected from the group consisting of an organic phosphoric acid and a derivative thereof, to a water treatment and applying a second coating of a light-sensitive material.*
105391. Joseph Lucas (Industries) Limited. Stator assemblies for dynamo-electric machines. (31st May 1965). Accepted on 5th June 1967.  
*Cylindrical yoke is formed in two inter connected parts wherein each pole piece is having one end thereof rounded, and adjacent pole pieces are having their rounded ends at opposite axial ends of the yoke.*
105441. Vsesojuzny Nauchno-Issledovatel'sky i Proektno-Konstruktorsky Institut Metallurgicheskogo Mashinostroyeniya. Continuous coiler for wire and similar flexible rolled stock. Accepted on 5th June 1967.  
*The severing device and the device for gripping the front end of the wire being combined in one mechanism comprising lever mounted on the stationary part of the reel and provided with a knife gripper.*
105561. Mount Hope Machinery Limited. Expander roll. Accepted on 5th June 1967.  
*Comprising an axle having a curvature lying in an axial plane a plurality of bearings received on said axle in axially-spaced freely slidable relation.*
105596. Standard Telephones and Cables Limited. Improvements in or relating to seam welding of tubes. (25th June 1965). Accepted on 6th June 1967.  
*Comprises causing a displacement in a direction between the tube and an welding electrode interposing an auxiliary electrode between them, initiating flow of current removing the auxiliary electrode and causing a second displacement equal and opposite to the first.*
105648. International Standard Electric Corporation. Improvements in or relating to a wire stripping tool. (3rd August 1965). Accepted on 5th June 1967.  
*Includes a first sleeve-like member closely fitting within a second sleeve like member, a notch at one end of said second member, a groove in the first member, and a widened portion to said groove.*
105666. Davidson & Co., Limited. Improvements in or relating to apparatus for drying tea leaf or other vegetable material. Accepted on 9th June 1967.  
*The apparatus comprises of a casing within which two or more endless conveyor are disposed and are spaced apart vertically so as to form a superimposed horizontal chamber within the casing.*
105735. J. Voevodsky. Deceleration warning system for use on motor vehicles. Accepted on 5th June 1967.  
*An electrical switching circuit adapted to operate at a controlled switching rate serving to actuate control means to cause flashing of the light at the switching rate.*
105825. Dipak Kumar Ghose. Improvements in cycles, bicycles or the like tube valves. Accepted on 5th June 1967.  
*Outer tubular body member having external threads for rings or nuts to be screwed thereonto, a valve member being insertable into said body member and means for locking the said outer tubular member and the said valve member.*
105936. Westinghouse Electric Corporation. Termination of insulators. Accepted on 5th June 1967.  
*Portion of the insulator having conducting material in intimate contact therewith is connected with the conductor by means of a slot such that dielectric flux diverges to the walls of the slot.*
105956. Mohammed Sirajuddin. Pneumatic blender for and process of blending materials. Accepted on 7th June 1967.  
*Comprising a primary mixing zone a secondary mixing zone comprising a centrifugal exhauster, a final mixing zone comprising a cyclone separator and filter bags associated therewith.*
106039. Betts & Company Limited. Improvements in collapsible tubes. (6th July 1965). Accepted on 5th June 1967.  
*The interengaging surfaces of the nozzle and the sleeve being shaped to define two spaced-apart circumferential regions of substantially line contact between the interengaging surfaces.*
106052. Provat Kumar De. Improvements in or relating to door closures. Accepted on 5th June 1967.  
*Springs provided with a piston acting within a closed cylinder enclosed within an oil chamber, the piston rod being connected to a movable oil adjuster bracket on which is rigidly secured one end of a pair of springs, the other end of the springs being held to another guard plate fixed to the casing.*
106065. Bulpitt & Sons Limited. Electrically heated appliances having thermal cut-outs. (6th July 1965). Accepted on 5th June 1967.  
*Cut-out device comprising a ratchet assembly including two or more ratchets, each secured by fusible metal to a fixed part and each engaged by an associated pawl on or coupled to a common plunger.*
106108. K. Sundararajan. Instantaneous relay for earth leakage. Accepted on 7th June 1967.  
*Comprising a plunger which can move up and down and thereby to close or open an electric circuit and a locking arrangement to lock in either of the said position.*
106117. Aktiebolaget Svenska Flaktfabriken. A device for the supply of ventilating air in rooms. Accepted on 5th June 1967.  
*Comprising a rectangular box open at the top, at the first side wall of which a movable damper is arranged along the edge facing said open top.*
106137. Centre De Recherches De Pont-A-Mousson. Core support for a centrifugal casting mould for casting pipes having a socket, and mould provided with said support. Accepted on 6th June 1967.  
*A socket core support comprising in combination a cup for supporting and centering core, a locking ring, compressed air blowing means blowing air between locking ring and face of recess, a handling stirrup, handling arm on whose end stirrup is mounted.*
106290. Farbenfabriken Bayer Aktiengesellschaft. Isolation of triazo dyestuffs. (16th March 1966). Accepted on 3rd June 1967.  
*Dyestuff solution or suspension obtained in the preparation of triazo dyes is immediately subjected to spray-drying without previous isolation of dyestuff.*
106577. The English Electric Company Limited. Improvements in circuits for controlling stock-material cutters. (13th August 1965). Accepted on 7th June 1967.  
*Comprising a detecting means, first and a second counting means, and control means for initiating first operation of the device after a movement of the work material beyond the operating position corresponding to the sum of two count differences.*

106586. The Cincinnati Milling Machine Co. Optical positioning device for parts of a machine. Accepted on 3rd June 1967.

*Comprising a member on one section of the machine having a slot extending transversely of the direction of relative movement of the sections, projecting means on the other section directing a beam of light toward member of a width substantially equal to the width of the slot.*

106589. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to vehicle headlights. Accepted on 7th June 1967.

*Light rays emanating from the incandescent body after being reflected on the second part of the reflector and/or refracted by the closure glass can leave the headlight only in directions located below the boundary determined by peripheral part of the screen arranged in the first part of the reflector.*

106666. J. Stone & Company (Deptford) Limited. Improvements relating to electrical-supply systems on vehicles. (18th August 1965). Accepted on 7th June 1967.

*Voltage/current characteristic of the charging current which reaches the battery is caused to droop with increase of the said current.*

106841. General Electric Company. Improvements in or relating to wire coating apparatus. Accepted on 3rd June 1967.

*Comprising a wire coating oven including a housing a solvent removal zone, a heating means in said housing for producing a heated air-flow, a curing zone in said housing.*

107036. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to vehicle headlights. Accepted on 2nd June 1967.

*Characterized in that in the operating position of the headlight at least the terminal wires and the end wires of the first filament and preferably also of further available filaments are located substantially entirely above a plane which is substantially horizontal in this position and which contains at least one point of the first filament.*

107159. Siemens & Halske Aktiengesellschaft. Improvements in or relating to astable multivibrators. (22nd July 1966). Accepted on 5th June 1967.

*Comprising a gate circuit, connected to the output electrode of at least one of the two amplifier stages in the stable multivibrator to drive a control signal which is applied to one input electrode to change the state of one of said amplifier stages.*

107168. Unilever Limited. Thermoplastic containers. Accepted on 9th June 1967.

*Hollow article manufacturing method comprising the steps of closing both ends of a tubular preform and heating it to a softened to give shape the preform by deformation.*

107236. Inpower Works (Proprietary) Limited. Fluid torque transmitter. Accepted on 5th June 1967.

*Includes a carrier adapted for receiving a rotary power input, at least one planet wheel mounted rotatably on the carrier, a driven wheel co-axial with said carrier and driving by connected to the planet wheel and adapted for connection to a power output, liquid-entrapping means and a reservoir around said means.*

107431. T. Yamaoka. Automatic noncompression starting device for internal combustion engine. Accepted on 8th June 1967.

*Comprises means for normally maintaining the engine in a non-compressive state hydraulic pressure means for automatically releasing said non-compressive state and means for adjusting a variation of the operating fluid pressure.*

107694. The Metal Box Company Limited. Improvements in or relating to dispensing closures for containers. (28th October 1965). Accepted on 5th June 1967.

*Comprising a cap with a pouring spout hingedly connected thereto and extending through an aperture in the cap to communicate with interior of cap, the spout in one position closes the aperture and in another position co-operates with the aperture to form therewith a pour opening.*

108035. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Improvement in the manufacture of linear fiber-forming polyesters. Accepted on 6th June 1967.

*Carrying out melt condensation of di-glycol ester in presence of a germanium compound containing oxygen and phosphorus.*

### Opposition Proceedings

(1)

The opposition entered by Didier-Werke A. G. to the grant of a patent on application No. 71657 originally made by Russell Pearce Heuer, as notified in Part III, Section 2 of the Gazette of India, dated the 2nd December 1961, has been partly allowed. A patent will be sealed on the application, subject to amendment of the specification.

(2)

An opposition filed by Shalimar Industries Private Ltd. to the grant of a patent on application No. 94508, made by Bimal Kumar Ghosh has been treated as abandoned.

### Patents Sealed

96931. 97623. 97633. 97788. 97849. 97993. 98170. 98233. 98235. 98241. 98250. 98264. 98272. 98274. 98285. 98286. 98346. 98363. 98388. 98409. 98462. 98507. 98526. 98543. 98584. 98588. 98627. 98639. 98697. 99155. 99175. 99194. 99222. 99236. 99351. 99370. 99408. 99412. 99424. 99468. 99491. 99496. 99506. 99510. 99543. 99560. 99726. 99802. 99803. 99930. 100040. 100094. 100096. 100285. 100706. 100707. 101759. 100809.

### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that E.I. Du Pont De Nemours & Co., a corporation organized and existing under the laws of the state of Delaware, United States of America, located at Wilmington, Delaware, U.S.A., seek leave to amend the name, description and claims in the specification in respect of patent application No. 95021. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that the Cleveland Crane & Engineering Company, a corporation organized under the laws of the State of Ohio, United States of America, of Wickliffe, State of Ohio, United States of America, seek leave to amend the description and claims in the specification in respect of application for patent No. 9505. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

The amendment proposed by General Electric Company in respect of patent application No. 88814 as advertised in the Gazette of India, Part III, Section 2 dated the 25th February 1967 has been allowed.

**Renewal Fees Paid**

|        |        |        |        |        |        |         |         |
|--------|--------|--------|--------|--------|--------|---------|---------|
| 47470. | 47496. | 47718. | 47788. | 47923. | 47939. | 48689.  | 49836.  |
| 49871. | 49913. | 50100. | 50124. | 50130. | 52122. | 52164.  | 52242.  |
| 52272. | 52273. | 52333. | 52356. | 52367. | 52377. | 54164.  | 54781.  |
| 54826. | 54936. | 54939. | 54940. | 54956. | 55064. | 55273.  | 55319.  |
| 55333. | 55374. | 57230. | 57537. | 57604. | 57605. | 57648.  | 57762.  |
| 57765. | 57766. | 57780. | 57967. | 58113. | 58187. | 58263.  | 58333.  |
| 58451. | 60258. | 60762. | 60913. | 60935. | 60957. | 60979.  | 61076.  |
| 61141. | 61179. | 61237. | 61417. | 61472. | 61599. | 61648.  | 61677.  |
| 62542. | 63580. | 64050. | 64118. | 64323. | 64349. | 64394.  | 64427.  |
| 64434. | 64462. | 64484. | 64493. | 64513. | 64551. | 64552.  | 64647.  |
| 64662. | 64666. | 64700. | 64760. | 64761. | 64764. | 64776.  | 64846.  |
| 64847. | 65095. | 65096. | 65243. | 67608. | 67969. | 68035.  | 68177.  |
| 68193. | 68275. | 68312. | 68354. | 68391. | 68411. | 68433.  | 68458.  |
| 68579. | 68600. | 68606. | 68632. | 68883. | 68905. | 68971.  | 69059.  |
| 69097. | 69210. | 69228. | 69229. | 69272. | 69273. | 69453.  | 69478.  |
| 69632. | 71181. | 71182. | 71492. | 72081. | 72155. | 72158.  | 72244.  |
| 72257. | 72305. | 72328. | 72413. | 72414. | 72415. | 72475.  | 72651.  |
| 72654. | 72715. | 72730. | 72731. | 72864. | 72918. | 73142.  | 73201.  |
| 73380. | 73381. | 73382. | 73808. | 74029. | 75452. | 76104.  | 76339.  |
| 77007. | 77042. | 77046. | 77123. | 77132. | 77141. | 77154.  | 77230.  |
| 77247. | 77288. | 77303. | 77304. | 77357. | 77372. | 77398.  | 77400.  |
| 77401. | 77473. | 77474. | 77502. | 77509. | 77525. | 77566.  | 77568.  |
| 77594. | 77603. | 77623. | 77625. | 77634. | 77635. | 77664.  | 77707.  |
| 77717. | 77742. | 77909. | 77910. | 78004. | 78020. | 78111.  | 78138.  |
| 78178. | 78186. | 78256. | 78257. | 78258. | 78271. | 81180.  | 82575.  |
| 82603. | 82760. | 82818. | 82821. | 82846. | 82890. | 82926.  | 82948.  |
| 82964. | 83025. | 83028. | 83037. | 83065. | 83075. | 83083.  | 83091.  |
| 83092. | 83102. | 83124. | 83137. | 83139. | 83149. | 83169.  | 83192.  |
| 83193. | 83194. | 83200. | 83201. | 83226. | 83335. | 83337.  | 83381.  |
| 83425. | 83479. | 83532. | 83546. | 83580. | 83582. | 83646.  | 83656.  |
| 83806. | 83876. | 83877. | 84364. | 84592. | 85530. | 86803.  | 88207.  |
| 88250. | 88311. | 88320. | 88335. | 88364. | 88447. | 88484.  | 88506.  |
| 88513. | 88686. | 88719. | 88720. | 88722. | 88723. | 88782.  | 88794.  |
| 88795. | 88835. | 88839. | 88840. | 88858. | 88884. | 88922.  | 88943.  |
| 88961. | 88971. | 89002. | 89014. | 89015. | 89075. | 89099.  | 89104.  |
| 89142. | 89149. | 89151. | 89346. | 89401. | 89486. | 89566.  | 89613.  |
| 89633. | 89638. | 89770. | 89829. | 90030. | 90037. | 90444.  | 93867.  |
| 94109. | 94184. | 94240. | 94340. | 94385. | 94386. | 94388.  | 94510.  |
| 94554. | 94555. | 94584. | 94795. | 94876. | 94877. | 95002.  | 95060.  |
| 95143. | 95145. | 95577. | 98923. | 99147. | 99148. | 103977. | 103978. |

**Cessation of Patents**

53210. 55576.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 129877. Himala Industries (India), 5, Asian Chemical Compound, Subhash Nagar, Caves Road, Jogeshwari (East), Bombay 60, (Maharashtra) (Indian Proprietorship Concern), "Tablet making machine", December 7, 1966.

Class 1. No. 130140. Madan Engineering Works, Cycle Market, Esplanade Road, Plot No. 5, Opposite Fire Brigade, Delhi-6, India, an Indian Partnership concern, "A gas regulator", January 16, 1967.

Class 1. Nos. 130361 to 130363. Geep Flashlight Industries Limited, of 28 South Road, Allahabad-1, U. P. India, an Indian Company, "A torch", February 13, 1967.

Class 1. No. 130265. Gurbachan Singh, Indian National, of P.O. Nawanshahr Doaba, Distt. Jullundur, Punjab, "A sewing machine", February 4, 1967.

Class 1. No. 130561. Mole-Richardson (England) Limited, a British Company, of 111, Wardour Street, London, W. 1., England, "A spot lamp", March 20, 1967.

Class 1. No. 130562. Mole-Richardson (England) Limited, a British Company, of 111, Wardour Street, London, W. 1., England, "A combined spot and flood lamp", March 20, 1967.

Class 1. No. 130315. Kuduva Nagaswamy Krishnan Inthera, B-3 & 4, Industrial Estate, Madurai-7, Madras State, Subject of the Indian Republic, "The deep-well pumpset", February 8, 1967.

Class 1. No. 130271. Natvarlal Revashankar Trivedi, Indian, C/o. Zacony Products, Lake Road, Opp. Krishna Cinema, Agra Road, Bhandup, Bombay-78, Maharashtra, "Door stopper", February 4, 1967.

Class 1. No. 130531. J. J. Industries, an Indian Partnership Company, Janata Industries Compound, Tulsī Pipe Road, South, City of Bombay, State of Maharashtra, India, "Containers", March 6, 1967.

Class 1. No. 130535. Sewa Singh of Pioneer Electricals & Toys Manufacturers, Sultanwind Road, Amritsar, Punjab, being an Indian National, "Room-Heater", March 8, 1967.

Class 1. Nos. 130590 to 130605. Elegant Industries Private Limited (A company registered under the Indian Companies Act), also trading as Sunshine Industries, Udyog Bhavan, 250-D, Worli, Bombay-18 (Maharashtra), "Brooch", March 27, 1967.

Class 1. No. 130693. Mefina S. A., a corporation organized under the laws of Switzerland, of 5, route de Beaumont, Fribourg, Switzerland, "A sewing machine", April 10, 1967.

Class 3. No. 129851. Carona Sahu Co., Private Limited, an Indian Company Registered under the Indian Companies' Act and having its Registered Office at 221, Dr. D. N. Road, Bombay-1, Maharashtra, India, (formerly of 143, Mahatma Gandhi Road, Bombay-1), "A strap for footwear", December 3, 1966.

Class 3. No. 130131. G. A. Electrical Industries, an Indian Partnership Firm 32, Dimtimkar Road, Bombay-8, (Maharashtra), "Iron Connector-cum-switch", January 16, 1967.

Class 3. No. 130216. The Dunlop Company Limited, formerly known as Dunlop Rubber Company Limited, Manufacturers, a British Company, of Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", September 21, 1966. (United Kingdom).

Class 3. No. 130483. Shivalik Chemical Industries, Indian Partnership Concern, C/o, Imperial Products, Khetwadi 12th Cross Lane, Bombay-4, Maharashtra "Hand gloves", February 22, 1967.

Class 3. No. 130532. Swan (India) Private Limited, Indian Company, Advani Chambers, Sir P. Mehta Road, Fort, Bombay-1, Maharashtra, "Ball point pens", March 7, 1967.

Class 3. No. 130534. Bengal Rubber Mills, 10/174, Galla Mandi, Taj Ganj, Agra, U.P. an Indian Partnership concern, "soles for footwear", March 8, 1967.

Class 3. No. 130665. Jaggy & Company, of 12, Rampart Row, Fort, Bombay-1, Maharashtra State, India, an Indian Company, "A comb-cum-brush", April 4, 1967.

Class 3. No. 130674. The Dunlop Company Limited, formerly known as Dunlop Rubber Company Limited, a British Company, of Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", December 3, 1966. (United Kingdom).

Class 3. No. 130695. Deputy Lal Grover, an Indian National of Grover Sons, 56-A Dilshad Gardens, G. T. Road, Shahdra, Delhi-32, "Goggle frames", April 10, 1967.

Class 11. No. 130556. Jagjit Singh, Proprietor of the firm Marwah Stores, also as J. J. Pet, 13-Rai Market P. B. No. 44, Ambala Cantt., Punjab (India) Indian, "a net for beard", March 17, 1967.

- Class 13. Nos. 130648 to 130650 and 130652 to 130659. The Sassoos Spg. & Wvg. Co., Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile Goods", April 4, 1967.
- Class 13. Nos. 130737. The Crown Spg. & Mfg. Co., Ltd., Gokhale Road (South), Parel, Bombay 13, Maharashtra, Nationality—Indian Company, "Textile goods", April 22, 1967.
- Class 14. No. 130663. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", April 4, 1967.

*Copyright extended for a second period for five years.*

Design No. 109154 Class 1.

*Name Index for Applicants for Patents during the month of May, 1967 (Nos. 110454—110917).*

*Name and Application No.*

#### A

- Ahluwalia, G. S.—110530.
- A. H. Robins Co. Inc.—110691.
- Air Reduction Co. Inc.—110595 and 110629.
- Aktiebolag Syenska Plaktfabriken—110866.
- Algemene Kunstzijde Unie N. V.—110509.
- Allied Chemical Corp.—110553.
- Almeida, V. Shri—110745.
- Aluminium Laboratories Ltd.—110727.
- American Cyanamid Co.—110571, 110654, 110756 and 110859.
- American Home Products Corp.—110725.
- Amlcon Corp.—110628.
- Amratlal, C.—110620.
- Appalaswamy, A. Sri—110599.
- Arto's Dr. Ing. Meier Windhorst Kommandit Gesellschaft—110527.
- Asahi Kasei Kogyo Kabushiki Kaisha—110467 and 110753.
- Asta Werke Aktiengesellschaft—110767.
- Astra Nutrition Ab.—110914.
- Atlas Copco Aktiebolag—110845.
- Aziende Chimiche Riunite Angelini Francesco—110810.

#### B

- Babcock & Wilcox Co., The—110751 and 110771.
- Badische Anilin- & Soda-Fabrik Aktiengesellschaft—110651 and 110899.
- Balsara, A. R.—110667.
- Baoerjee, R.—110625.
- Barthakur B, Sri—110459, 110460, 110743 and 110744.
- Barua, B. P.—110838.
- Becorit Grubenaushau GmbH—110563.
- Bedi, J. L.—110600.
- Beecham Group Ltd.—110640, 110773 and 110794.
- B. F. Goodrich Co., The—110546.
- Bhargava, A.—110589.
- Bhargava, N.—110589.
- Borg-Warner Corp.—110711.
- Bristol-Myers Co.—110792.
- British Insulated Callender's Cables Ltd.—110596.
- British Iron and Steel Research Association, The—110631, 110747 and 110748.
- British Telecommunications Research Ltd.—110617.
- Brown, P.—110580.
- Burdick, C. L.—110656.
- Burlington Industries, Inc.—110842.

#### C

- Carey Cushion Vehicle Corp.—110597.
- Carlisle Chemical Works, Inc.—110821.
- Carl Valentin GmbH.—110587.
- Carter-Wallace, Inc.—110807.
- Caterpillar Tractor Co.—110518, 110714, 110742, 110817 and 110869.
- C. A. V. Ltd.—110815.
- Celanese Corp.—110570 and 110649.
- Central Glass Co., Ltd.—110592 and 110703.
- Centre De Recherches De Pont-A-Mousson—110495.
- Cerberus Ag.—110664.
- Ceskoelovenska Akademie Ved.—110633 and 110718.
- C. F. Boehringer & Soehne GmbH.—110722 and 110811.
- Charbonnages De France—110867.
- Chas. Pfizer & Co., Inc.—110594.
- Chaudhry, B. D.—110602.
- Chaugule, P. J.—110471, 110472 and 110514.
- Chawla, A. J.—110855.
- Chhabildas, J.—110733.
- Choudhry, R. K.—110442.
- Ciba Ltd, 110454, 110455, 110550, 110638, 110641, 110674, 110692, 110705, 110706, 110707, 110768, 110796, 110808, 110822, 110823, 110826, 110827, 110828, 110844, 110892, 110898 and 110917.
- Ciba of India Ltd.—110537.
- C. K. D. Praha, Gborovy Podnik—110791.
- Clupak Inc.—110463.
- Colgate-Palmolive Co.—110694, 110695, 110696 and 110697.
- Continental Can Co. Inc.—110864.
- Council of Scientific and Industrial Research—110457, 110458, 110557, 110603, 110604, 110605, 110716, 110803, 110804, 110805, 110834, 110835, 110852, 110853, 110854, 110856, 110874, 110875, 110876, 110877 and 110878.

#### D

- Dana Corp.—110466 and 110479.
- Das, J. R.—110818.
- David Brown Gear Industries Ltd.—110719.
- Deere & Co.—110613 and 110614.
- Demag Ag.—110657.
- Deodhar, D. S.—110601.
- DePenning, R. G.—110774.
- Desai, M. H.—110606 and 110621.
- Deshmukh, P. S. (Mrs.)—110582.
- Deshmukh, S. I. S.—110836.
- Deutsche Gold Und Silber Scheideanstalt Vormal's Roessler—110881.
- Devi, M. Mrs.—110519.
- Dow Chemical Co. The—110478 and 110762.
- Dr. A. Wander S. A.—110505 and 110809.
- Dunlop Co. Ltd. The—110520, 110799 and 110814.
- Dynamit Nobel Aktiengesellschaft—110644.

#### E

- Eaton Yale & Towne Inc.—110858.
- Eberhardt, F.—110533.
- Egyesult Gyogyszer-Es Tapszergyar—110702 and 110775.
- Egyesult Izzolampa Es Villamosagi Reszvevartarsag—110490.
- Ekbote, S. G.—110645.
- Eickmeyer, A. G.—110802.
- Electrical Manufacturers & Suppliers Pvt. Ltd.—110545.

## E—contd.

Electric Furnace Co. The.—110795.  
 Elektrostalsky zavod tyazhelogo mash-inostroenia, Elektrostal—110673.  
 E. Merck Aktiengesellschaft—110757.  
 Engineer, N. S. Mrs.—110872.  
 English Electric Co. Ltd. The.—110492 and 110662.  
 E. R. Squibb & Sons, Inc.—110493.  
 Esso Research and Engineering Co.—110522.  
 Estrela Batteries Ltd.—110763.

## F

Famatex G.m.b.H.—110516.  
 Farbenfabriken Bayer Aktiengesellschaft—110485, 110501, 110553, 110573, 110784, 110832 and 110848.  
 Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning—110465, 110677, 110770, 110787, 110820, 110860, 110880 and 110893.  
 Farnell Instruments Ltd.—110684.  
 F. Hoffmann-La Roche & Co. Aktiengesellschaft—110504, 110590, 110635, 110639, 110723, 110839, 110840, 110843, 110863 and 110889.  
 Firma Dr. J. Loebing K. G.—110698, 110699 and 110700.  
 Fizichesky Institut Imeni P. N. Lebedeva—110658.  
 Forsvarets Fabriksverk—110910.  
 Fosco International Ltd.—110483, 110517 and 110761.

## G

Garware, C. B.—110622, 110623 and 110624.  
 General Aniline & Firm Corpn.—110586.  
 General Electric Co.—110559, 110560 and 110755.  
 Gerlach, H. Ing. Dr.—110729 and 110730.  
 Gerlach, K.—110729 and 110730.  
 Girling Ltd.—110681 and 110741.  
 Globe-Union Inc.—110704.  
 Golobart, R. B.—110608.  
 Gosudarstvenny Vsesojuzny ordena Krasnogo Znameni proektay i nauchno-issledovatel'skiy. Institut tsementnoi promyshlennosti—110789.  
 Gosudarstvening Proektny Institut Tyozkpromelektroproekt—110790.  
 Greenberg, L.—110752.  
 Green Cross Corpn. The.—110655.  
 G. S. Agricultural Engineering Works—110552.  
 Gualdipex Sa.—110476.  
 Gul Lalwani of Research—110701.  
 Gupta, R. K.—110526.  
 Gupta, S. C.—110643.

## H

Hagen Dettmer G.M.B.H.—110669.  
 Halcon International Inc.—110498, 110534 and 110726.  
 Heinrich Koppers Gesellschaft mit beschränkter Haftung—110715.  
 Henriksson, S. T.—110591.  
 Hewitt-Robins International S. A.—110659 and 110717.  
 Hindustan Lever Ltd.—110609, 110610, 110611, 110612 and 110734.  
 Hooker Chemical Corpn.—110561.  
 Houdaille Industries, Inc.—110567.

## I

Imperial Chemical Industries Ltd.—110499, 110565, 110665, 110683, 110710, 110831, 110849, 110850 and 110886.  
 Imperial Metal Industries (Kynoch) Ltd.—110564.  
 Indian Oxygen Ltd.—110575.  
 Institute Francais Du Petrole Des Carburants et Lubrifiants—110538.  
 International Business Machines Corpn.—110497 and 110579.  
 International Rectifier Corpn.—110865.  
 Izvorsky Zavod im A. A. Zhdanova—110562.

## J

James Mackie & Sons Ltd.—110636.  
 James, P. H.—110580.  
 Japanese Consulting Institute—110556.  
 J. K. Smit & Sons, Diamond Tools Ltd.—110800.  
 J. K. Synthetic Ltd.—110698, 110699 and 110700.  
 Johannessen, A. T.—110653.  
 Johnson & Johnson—110480.  
 Joseph Lucas (Industries) Ltd.—110616, 110682, 110780 and 110847.  
 Joshi, M.—110907.  
 J. R. Geigy A. G.—110462, 110531, 110532, 110626, 110679, 110680, 110797 and 110885.

## K

Karamchand Premchand Pvt. Ltd.—110724.  
 Kellum, J. J.—110627.  
 Kenkyusho, R.—110754.  
 Khurana, M. J.—110855.  
 Kirad, T. R.—110765.  
 Kjellberg Elektroden & Maschinen Gesellschaft mit beschränkter Haftung in Verwaltung—110882, 110883 and 110884.  
 Knapsack Aktiengesellschaft—110508 and 110825.  
 Kodali, M. L.—110857.  
 Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V.—110676.  
 Koppers Co. Inc.—110634.  
 Krishnan, P. R.—110851.  
 Krishnappa, B. Shri.—110685.  
 Kuhlmann, U.—110781.  
 Kulkarni, P. K.—110528.  
 Mullar, K. Mrs. (nee Mukherji)—110632.  
 Kulshrestha, R. Y. Shri.—110819.

## L

Lakshminarayana, T.—110812.  
 Landeborg, I. E.—110507.  
 Landeborg, L. E.—110591.  
 Jester Raphael Wellman—110523.  
 Libbey Owens Ford Glass Co.—110786.  
 Luwa A. G.—110783.

## M

Mahle Komm. -Ges.—110607.  
 Maliki, N.N.A.K.—110473.  
 M. & T. Chemicals Inc.—110503.  
 Marshall & Sons Co. (India) Ltd.—110540, 110541 and 110542.  
 Marshall's Tea Machinery Co. Ltd.—110785.  
 Maschinenfabrik Augsburg-nurnberg Aktiengesellschaft—110489.  
 May & Baker Ltd.—110615.  
 McDowell wellman Engineering Co.—110524.  
 Mead Johnson & Co.—110525.

## M—contd.

Menon, V. S.—110746.  
 Merck & Co., Inc.—110916.  
 Metal Containers Ltd.—110500.  
 Metallgesellschaft Aktiengesellschaft, Ruhrgas Aktiengesellschaft—110588.  
 Mhatre, H. K.—110583.  
 Mining and Allied Machinery Corp. Ltd.—110470.  
 Ministerul Industriei Constructiilor De Masini—110671.  
 Molins Machine Co. Ltd.—110488.  
 Morgan Construction Co.—110663.  
 Moskovsky ordena Lenina i ordena Trudovogo Krasnogo Znameni institut inzhenerov zheleznodorozhnogo transporta of ulitsa Obraztsova—110862.  
 Moteurs Drouard—110887.  
 Muolka, R. L.—110591.  
 Mustafa, S.—110469.

## N

Narayanaswamy, M.—110736.  
 National Cash Register Co. The.—110536.  
 Nayak, K. S.—110766.  
 Nevatia, B. K.—110547.  
 N. V. Philips Gloeilampenfabrieken—110511, 110512, 110513, 110543, 110544, 110568, 110678, 110738, 110739, 110779, 110902, 110903, 110904, 110905 and 110906.  
 Nyegaard & Co. A/S.—110630.

## O

Oberoi, C. R.—110474.  
 Olin Mathieson Chemical Corp.—110574.  
 Ortho Pharmaceutical Corp.—110584, 110585 and 110879.  
 Owen Clifford Stean and Fumigators (India) Pvt. Ltd.—110758.

## P

Pat, K. R.—110901.  
 Palitex Projects-Co. G.m.b.H.—110650, 110764 and 110868.  
 Pandey, B.P.—110646.  
 P. & M. Co. (England) Ltd. The.—110750.  
 Pasquale, A.C.—110776, 110777 and 110778.  
 Pasquale, C.—110776, 110777 and 110778.  
 Phillips Petroleum Co.—110477.  
 Pillsbury Co. The.—110693.  
 Poly-Profile Corp.—110873.  
 Porous Plastics Ltd.—110554.  
 Potter, A.C.—110913.

## Q

Quigley Co. Inc.—110721.

## R

Ramaiah, N. A.—110643.  
 Rank Xerox Ltd.—110760.  
 Rao, B. R.—110475.  
 Rao, P. A. M.—110551.  
 Rao, S. T.—110812.  
 Rao, T. D.—110732.  
 Rawlings, J.—110759.  
 R. D. Werner Co., Inc.—110548 and 110581.  
 Regents of the University of the California, The.—110486.  
 Reimbert, A.—110598.  
 Reliance Engineering Corporation—110515.

Rexall Drug and Chemical Co.—110572.  
 Rhone-Poulenc S. A.—110813 and 110909.  
 Rikagaku Kenkyusho—110754.  
 Ritter Pfadlor Corp.—110666.  
 Rockwell Manufacturing Co.—110464.  
 Rockwell Standard Corp.—110660, 110661, 110713 and 110816.  
 Rodi & Wienberger Aktiengesellschaft.—110712.  
 Rohm and Haas Co.—110728 and 110801.  
 Roosa, V. D.—110670.  
 Rotshtan—110901.  
 Roussel-Uclaf—110484.  
 Ruparel, G. W.—110668.  
 Ruud, G.—110841.  
 Ruhrgas Aktiengesellschaft—110588.

## S

Sando Iron Works Co., Ltd.—110652 and 110709.  
 Sandoz Ltd.—110510, 110675, 110690, 110769, 110894, 110895, 110896, 110897 and 110898.  
 Satake, T.—110737 and 110900.  
 Sathe, G. V.—110731 and 110765.  
 Sawalka, P. S.—110687, 110688 and 110689.  
 Schaumburg, E.—110837.  
 Schericc Ltd.—110829.  
 Scott Paper Co.—110578.  
 Shell Internationale Research Maatschappij N. V.—110782, 110798 and 110870.  
 Shreedhara, B. J.—110569.  
 Shri Ram Institute for Industrial Research—110908.  
 Siemens Aktiengesellschaft—110788 and 110861.  
 Simon-Carves Ltd.—110618.  
 Singer Co. The.—110461.  
 Societe Civile D'etudes De Centrifugation—110740.  
 Soletanche—110619.  
 Sood, B. L.—110735.  
 S. P. Kinney Engineers, Inc.—110535.  
 Stamicarbon N. V.—110496, 110502, 110576 and 110577.  
 Standard Oil Co. The.—110772.  
 Stentite and Procelain Products Ltd.—110749.  
 Stella-Meta Filters Ltd.—110529.  
 Sterling Drug Inc.—110521.  
 Sumitomo Chemical Co. Ltd.—110558.  
 Sundarajan, K.—110686.  
 Sun Oil Co.—110468.  
 Surcot Industries Pvt. Ltd.—110456.  
 Surendranath, M. R.—110812.  
 Svenska Aktiebolaget Broms regulator—110830.  
 Swiss Aluminium Ltd.—110720.  
 Szegvari, A. Dr.—110833.

## T

Tandon, T. N.—110701.  
 Tectron Inc.—110637.  
 Textura AG.—110494.  
 T. M. M. (Research) Ltd.—110846.  
 Toyo Kotsu Industries, Inc.—110915.  
 Tsentralny Nauchno-Issledovatel'sky Institut Chernot Metallurgii Imeni I. P. Bardina—110481.

## U

Uniroyal, Inc.—110912.

United States Steel Corp.—110491 and 110888.

## V

Vandervell Products Ltd.—110871.

Veb Arzneimittelwerke Dresden—110672.

Veb Deutsches Hydricwerk Rodleben—110806.

Veb Farbenfabrik Wolfen—110708.

Viswanadhan, R. K.—110812.

## W

Wellman, L. R.—110523.

Wellworthy Ltd.—110911.

Western Electric Co., Inc.—110549.

Westinghouse Electric Corp.—11064 and 110648.

W. G. Armstrong Whitworth &amp; Co. (Engineers) Ltd. Sir.—110890.

Wheelabrator Corp. The.—110487.

Whitefin Holding S.A.—110642.

Wiggins Teape Research &amp; Development Ltd.—110891.

## X

Xerox Corp.—110539.

## Z

Zavod Vibrator—110482.

Zdravil, K. T.—110506 and 110824.

Zinser Textilmaschinen G.m.b.H.—110793.

A. JOGARAO

*Controller-General of Patents, Designs and Trade Marks.*